LCC30H-A LCC30H-ACT LCC30H LCC30HCT
LCC30H-AT LCC30H-AT2 LCC30HT LCC30HT2
LCC30H-AC LCC30H-ACT2 LCC30HC LCC30HCT2

30-Device iPad®, Chromebook™, Tablet, and Laptop Cart

User Manual

Mobile, secure, and powered storage for up to 30 computing devices.

Customer Support Information

Order toll-free in the U.S.: Call 877-877-BBOX (outside U.S. call 724-746-5500)
FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746 • www.blackbox.com • info@blackbox.com

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1. Specifications

Table 1-1. Technical specifications.

Approvals	UL® approved power strip
Assembled	LCC30H: No; LCC30H-A: Yes
Cable Access	Side sections each have a 1.43" diameter hole
Color	Gray
Construction	Steel with vented sides
Device Capacity	30 iPads, Chromebooks, and/or tablets
Locking	Key: Locking front door and rear access panel for easy cable management (keyed differently)
Power	Input: 110–120 VAC (6-foot attached power cord included), 50/60 Hz, Plug type: 5-15P, Outlet type: 5-15R; Outlet count: (3) 12-outlet power strips, (12) outlets per power strip; On/Off switch: Yes
Dimensions	Storage Slots: (10) per shelf; Height: 9.4" (23.8 cm); Width: 1.4" (3.56 cm); Depth: 14" (35.56 cm) Shipping Carton: 48.5"H x 35"W x 32"D (123.19 x 88.9 x 81.28 cm)
Weight Capacity on Top Surface	50 lb. (22.7 kg)
Warranty	Carts: Lifetime; Electronics: 3 years The Black Box Double Diamond Warranty is our no-questions-asked warranty that protects your Black Box carts and locker from manufacturer defects, accidental damages, liquid spills, and power surges.

Table 1-2. Power Strip Specifications

Part Number	Included Power Strips	Timer Description	Front Cable Management Bars
LCC30H-A	(3) 12-outlet, 15 A max.	N/A	Not included
LCC30H-AT	(3) 12-outlet, 15 A max.	CARTTIMER1	Not included
LCC30H-AC	(3) 12-outlet, 15 A max.	N/A	LCCCM
LCC30H-ACT	(3) 12-outlet, 15 A max.	CARTTIMER1	LCCCM
LCC30H-AT2	(3) 12-outlet, 15 A max.	UCCTIMER2	Not included
LCC30H-ACT2	(3) 12-outlet, 15 A max.	UCCTIMER2	LCCCM
LCC30H	(3) 12-outlet, 15 A max.	Not N/A	Not included
LCC30HT	(3) 12-outlet, 15 A max.	CARTTIMER1	Not included
LCC30HC	(3) 12-outlet, 15 A max.	N/A	LCCCM
LCC30HCT	(3) 12-outlet, 15 A max.	CARTTIMER1	LCCCM
LCC30HT2	(3) 12-outlet, 15 A max.	UCCTIMER2	Not included
LCC30HCT2	(3) 12-outlet, 15 A max.	UCCTIMER2	LCCCM

*4-bank timer: Every 15 minutes, **CARTTIMER1** cycles between 4 banks (each bank is one outlet). In one hour, each bank is on and charging for 15 minutes.

2-bank timer: **UCCTIMER2 cycles between 2 banks (each bank is one outlet).

Table 1-3. Shelf Specifications.

Part Number	Shelf Dimensions	Number of Storage Slots per Shelf
All LCC carts	9.4"H x 1.4"W x 14"D (23.8 x 3.56 x 35.56 cm)	10

2. Overview

2.1 Introduction

The 30-Device iPad, Chromebook, Tablet, and Laptop Cart with Steel Top, Fixed Shelves, and Hinged Doors is designed to store, charge, and transport tablets, e-readers, laptops, netbooks, and other similar devices. The Cart has 30 storage slots (3 shelves with 10 storage slots on each shelf). Each unit plugs into a typical 120-volt 15-amp outlet. The cart has locking solid-steel doors.

Please read these operating instructions carefully. They contain important advice concerning the use and safety of your cart. This Cart must only be used for its intended purpose in accordance with these operating instructions.

2.2 What's Included

LCC30H-A:

- iPad, Chromebook, Tablet, and Laptop Cart with 30--device capacity; assembled
- (4) casters (installed), including: (2) locking swivel casters and (2) non-locking fixed casters
- (3) 12-outlet, 15 A max. power strips (installed)
- Cart handle with mounting hardware (to be installed by user)
- This user's manual
- (2) sets of keys

LCC30H:

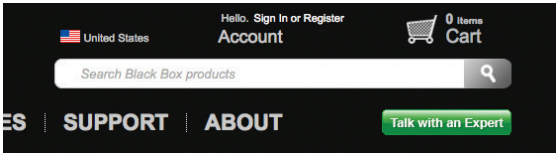
- iPad, Chromebook, Tablet, and Laptop Cart with 30-device capacity; unassembled
- (4) casters (not installed), including: (2) locking swivel casters and (2) non-locking fixed casters
- (3) 12-outlet, 15 A max. power strips (not installed)
- Cart handle with mounting hardware (to be installed by user)
- (2) sets of keys
- Assembly hardware

NOTE: For details on how to build the unassembled carts (part numbers LCC30H, LCC30HT, LCC30HC, LCC30HCT, LCC30HT2, and LCC30HCT2), refer to the LCC30H Assembly manual. See the instructions for downloading the manuals below.

This user manual/installation guide, as well as the assembly manual for the unassembled carts, can be downloaded from the Black Box Web site.

To download from the Web site:

1. Go to www.blackbox.com
2. Enter the part number (for example, LCC30H-A or LCC30H) in the search box:



3. Click on the "Resources" tab on the product page, and select the document you wish to download.

If you have any trouble accessing the Black Box site to download the manual, you can contact our Technical Support at 724-746-5500 or info@blackbox.com.

2.3 Hardware Description

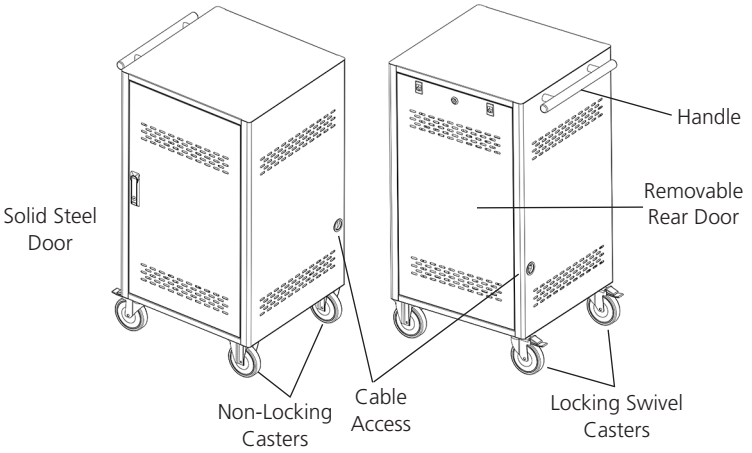


Figure 2-1. Front and back of cart.

3. Electrical Precautions

- The power switch must be in the "OFF" position before plugging the Cart into a wall receptacle.
- The Cart must ONLY be connected to a 110–120-volt AC, 15-amp power supply.
- The Cart must only be used by adults or with adult supervision.
- Never pull the Cart by the power cord.
- Do not plug the Cart in if the switch, receptacle(s), or power cord has been damaged. All electrical components on this product must be repaired by a qualified electrician.
- Do not use an extension cord in conjunction with the Cart.
- Do not use liquids in or around the Cart environment.
- Inadequate repair or modifications can create significant hazards to users and is not covered by warranty.
- For your safety, we recommend that a qualified electrician test the circuit you will be plugging the Cart into. The circuit should be checked for ground integrity and appropriate branch circuit protection.
- The Cart ground prong must be present for safe operation. If the plug is damaged or if the ground prong has been removed, it should be replaced by a qualified electrician.
- The use of the Cart, including plugging or unplugging laptops, plugging or unplugging the Cart, operating the control switch, and engaging or releasing the directional and locked casters, must be done with adult supervision.

3.1 Other Precautions

- The Cart can be very heavy when fully loaded with laptops and should be moved about by persons physically able to do so.
- The Cart should only be used for the storage and transport of tablets, laptops, and other similar devices.
- Misuse, incorrect operation, or inadequate repair of the Cart will void the warranty.

4. Configuration and Setup

Remove and discard all packaging materials and then lock the lockable casters.

Open and inspect the Cart to verify all doors, locks, and casters are working properly.

Do not plug the Cart into a wall outlet until all configurations and setup are complete.

4.1 Installing the Handle

The handle installs on the the side of the cart with the locking swivel casters.

NOTE: The casters swivel on one side of the Cart and are fixed on the other. Consider manueverability options before installing the handle.

Step 1: Locate the side of the Cart with the locking swivel casters.

Step 2: Place the handle so that the holes in the brackets are aligned with the threaded holes in the side panels.

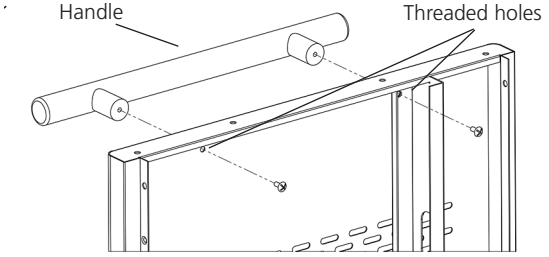


Figure 4-1. Installing handle.

Step 3. Using a Phillips-head screwdriver, tighten two of the Phillips screws into the threaded holes.

4.2 Fastening the Power Bricks at the Back of the Cart

1. Attach the wrapped cord and power brick to the back of the shelf using the hook and loop strap. Keep some extra cable unwrapped to plug into the power strip. (See Figure 4-2.)
2. Loosen the two screws on the cable manager, pull up on the top section of the cable manager, and place the device side of the charging cable into one of the slots.
3. Replace the top section of the cable manager and tighten the screws.
4. Route the device side of the charging cable to the front of the cart and repeat step 2 for the front cable manager (see Figure 4-3).
5. Plug the charger power plug into the power strip located below the shelf.

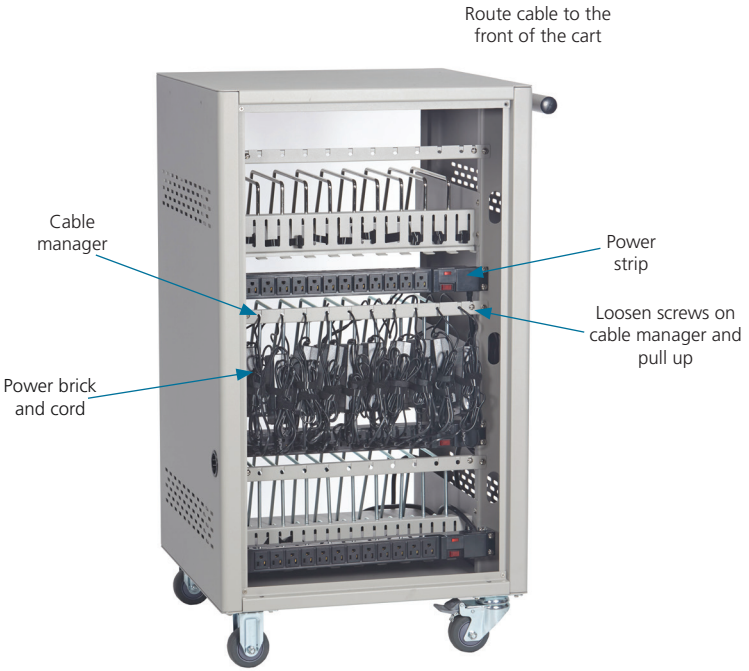

Route cable to the front of the cart
Cable manager
Power strip
Loosen screws on cable manager and pull up
Power brick and cord

Figure 4-2. Fastening the power brick and routing the cable.

5. Using Your iPad, Chromebook, Tablet, and Laptop Cart

5.1 Charging Your Computers

- After the devices have been loaded into the Cart, plug the power cord of the Cart into a suitable receptacle.
- Locate the internal power switches on the timer and power strips of the Cart and push the switches to the ON position.

5.2 Moving Your iPad, Chromebook, Tablet, and Laptop Cart

- Turn the timer power switch to the off position.
- Remove the Cart plug from the wall receptacle and wrap the cord around the cord wrap or handle.
- Close and secure sliding or solid-steel doors.
- Your Cart comes equipped with two fixed casters and two locking swivel casters. Unlock the casters before moving the Cart to a new location.
- When you reach your desired destination, lock the casters to prevent the cart from moving and plug the Cart into a wall receptacle.

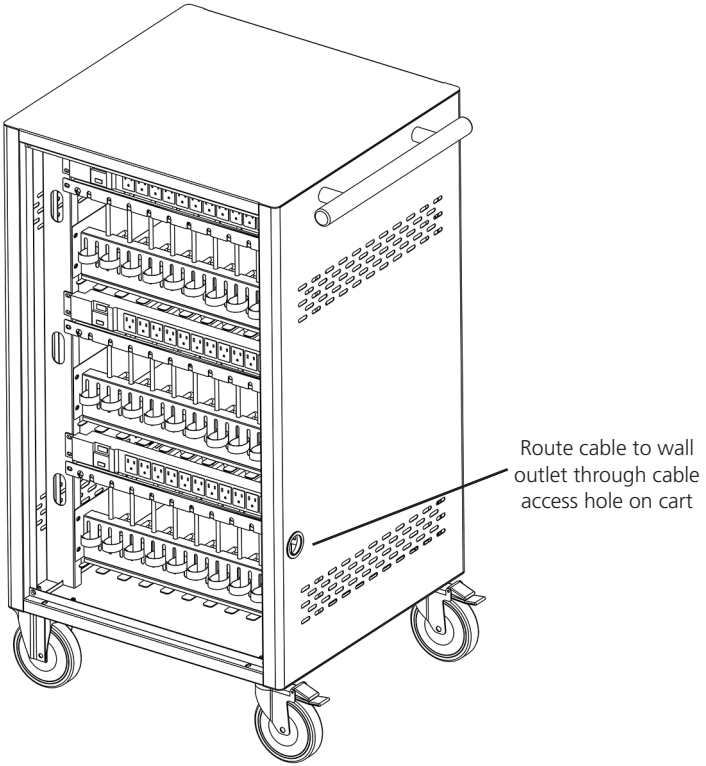


Figure 5-1. Plug the cart into the wall.

5.3 Timer Instructions

Before using your timer:

- For your safety, we recommend that a qualified electrician test the circuit you will plug the cart into. The circuit should be checked for ground integrity and appropriate branch circuit protection.

- The cart's ground prong must be present for safe operation. If the plug is damaged or if the ground prong has been removed, the plug should be replaced by a qualified electrician.

- Using the cart, including plugging it in or unplugging it, plugging in or unplugging the laptop(s) or other electrical equipment, or operating the control switch must be done with adult supervision.

The timer comes preset from the factory to alternate power between the power strips at 15-minute intervals.

All power strips cannot charge simultaneously.

By plugging the cart power cord into an approved outlet and turning on the red switches located on the timer and power strips, the cart will begin charging.

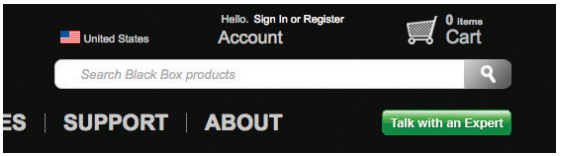
To end charging, turn the red switch on the timer off and unplug the cart from the wall outlet.

NOTE: The switches on the power strips can be left on.

NOTE: A user manual for the UCCTIMER2 is available on the Black Box Web site. To download this manual, follow the instructions below.

To download from the Web site:

1. Go to www.blackbox.com
2. Enter the part number (for example, LCC30H-A or LCC30H) in the search box:



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FEDERAL COMMUNICATIONS COMMISSION AND INDUSTRY CANADA RADIO FREQUENCY INTERFERENCE STATEMENTS

This equipment generates, uses, and can radiate radio-frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication. It has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This digital apparatus does not exceed the Class A limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique publié par Industrie Canada.

Normas Oficiales Mexicanas (NOM)
Electrical Safety Statement
INSTRUCCIONES DE SEGURIDAD

1. Todas las instrucciones de seguridad y operación deberán ser leídas antes de que el aparato eléctrico sea operado.
2. Las instrucciones de seguridad y operación deberán ser guardadas para referencia futura.
3. Todas las advertencias en el aparato eléctrico y en sus instrucciones de operación deben ser respetadas.
4. Todas las instrucciones de operación y uso deben ser seguidas.
5. El aparato eléctrico no deberá ser usado cerca del agua—por ejemplo, cerca de la tina de baño, lavabo, sótano mojado o cerca de una alberca, etc.
6. El aparato eléctrico debe ser usado únicamente con carritos o pedestales que sean recomendados por el fabricante.
7. El aparato eléctrico debe ser montado a la pared o al techo sólo como sea recomendado por el fabricante.
8. Servicio—El usuario no debe intentar dar servicio al equipo eléctrico más allá lo descrito en las instrucciones de operación. Todo otro servicio deberá ser referido a personal de servicio calificado.
9. El aparato eléctrico debe ser situado de tal manera que su posición no interfiera su uso. La colocación del aparato eléctrico sobre una cama, sofá, alfombra o superficie similar puede bloquea la ventilación, no se debe colocar en libreros o gabinetes que impidan el flujo de aire por los orificios de ventilación.
10. El equipo eléctrico deber ser situado fuera del alcance de fuentes de calor como radiadores, registros de calor, estufas u otros aparatos (incluyendo amplificadores) que producen calor.
11. El aparato eléctrico deberá ser connectado a una fuente de poder sólo del tipo descrito en el instructivo de operación, o como se indique en el aparato.

12. Precaución debe ser tomada de tal manera que la tierra fisica y la polarización del equipo no sea eliminada.

13. Los cables de la fuente de poder deben ser guiados de tal manera que no sean pisados ni pellizcados por objetos colocados sobre o contra ellos, poniendo particular atención a los contactos y receptáculos donde salen del aparato.

14. El equipo eléctrico debe ser limpiado únicamente de acuerdo a las recomendaciones del fabricante.

15. En caso de existir, una antena externa deberá ser localizada lejos de las lineas de energia.

16. El cable de corriente deberá ser desconectado del cuando el equipo no sea usado por un largo periodo de tiempo.

17. Cuidado debe ser tomado de tal manera que objectos liquidos no sean derramados sobre la cubierta u orificios de ventilación.

18. Servicio por personal calificado deberá ser provisto cuando:

A: El cable de poder o el contacto ha sido dañado; u

B: Objectos han caído o líquido ha sido derramado dentro del aparato; o

C: El aparato ha sido expuesto a la lluvia; o

D: El aparato parece no operar normalmente o muestra un cambio en su desempeño; o

E: El aparato ha sido tirado o su cubierta ha sido dañada.

Black Box Tech Support: FREE! Live. 24/7.

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